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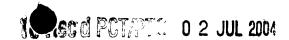
<u> </u>		ATIO	N FOR	UTILITY OR	Attorney Docket Number SHI 19.251 First Named Inventor						
	PAT	ENT	ESIGN APPLIC SFR 1.6	CATION 53)	Ralph C. LONGSWORTH COMPLETE IF KNOWN Application Number						
×	Declaration Submitted	OR .	Declaration	Declaration	Filing Date						
	With Initial Filing	O.A.		Art Unit Examiner Name							

	required	i)	LXammer							
I hereby declare that:										
Each inventor's residence, mailing address, and citizenship are as stated below next to their name.										
I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:										
PULSE TUBE COOLING BY CIRCULATION OF BUFFER GAS										
(Title of the Invention)										
the specification of which										
is attached hereto										
OR .										
was filed on (MM/DD/Y	YYY)		as Uni	ted States Ap	plication Nu	umber or PCT International				
Application Number and was amended on (MM/DD/YYYY) (if applicable).										
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.										
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.										
I hereby claim foreign priority										
inventor's or plant breeder's r country other than the United										
application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.										
Prior Foreign Application	II William priority	Foreign Filin	g Date	Prior	ity	Certified Copy Attached?				
Number(s)	Country	(MM/DD/Y)		Not Cla		Yes No				
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Additional foreign applica	tion numbers ar	re listed on a supp	lemental pri	iority data she	et PTO/SB	/02B attached hereto.				

[Page 1 of 2]

[Page 1 of 2]
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DECLARATION — Utility or Design Patent Application

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NAME OF SOLE OR FIRST INVENTOR: A patition has been filed for this unsigned inventor.									
Given Name (first and middle [if any]) Ralph C.					Family Name or Surname LONGSWORTH				
Inventor's Palph C Longworth					Date 6/17/04				
State PA	PA			-	of Americ	Citizer a Unit	nship ed States of Amer		
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/ENTOR:				A peti	tion has bee	en filed f	or this unsigned inve		
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ADDITIONAL INVENTOR(S)

DECLARATION			Page of					
Name of Additional Joint Inventor, if any:		A pet	ition h	nas been filed for this	unsigned inv	ventor		
Given Name (first and middle (if any)	Family Name or Surname							
	- anny reality of Garnering							
Inventor's Signature					Date			
Residence: City	State		Country		Citizenship			
Mailing Address								
Mailing Address								
City	State			Zip	Country			
Name of Additional Joint Inventor, if any:		☐ A pet	ition h	nas been filed for this				
Given Name (first and middle (if any)	Family Name or Surname							
Inventor's Signature		Date						
Residence: City	State			Country		Citizenship		
Mailing Address								
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iity				Zip	Country			
Name of Additional Joint Inventor, if any:		☐ A pet	A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any)	Family Name or Surname							
Inventor's Signature		Date						
Residence: City	State			Country		Citizenship		
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